

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
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EEE	DDD	TTT
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EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```

```
0001 0 %TITLE 'EDT$WFRBUKT - make a bucket current'
0002 0 MODULE EDT$WFRBUKT (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0026 1 *
0027 1 *****
0028 1
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 Make a specified bucket the current bucket.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 23-Feb-1981. This module was created by
0045 1 extracting routine READ_BUKT from module EDTWF.
0046 1 1-002 - regularize headers. JBS 19-Mar-1981
0047 1 1-003 - Modify to use EDT$WORKIO. STS 15-Feb-1982
0048 1 1-004 - Add literals for callable parameters. STS 08-Mar-1982
0049 1 1-005 - Improve the appearance of the listing. JBS 20-Jun-1983
0050 1 --
0051 1
```



```
53 0052 1 %SBTTL 'Declarations'
54 0053 1
55 0054 1 TABLE OF CONTENTS:
56 0055 1
57 0056 1
58 0057 1 REQUIRE 'EDTSRC:TRAROUNAM';
59 0496 1
60 0497 1 FORWARD ROUTINE
61 0498 1 EDT$WF_MAKECUR : NOVALUE;
62 0499 1
63 0500 1
64 0501 1 INCLUDE FILES:
65 0502 1
66 0503 1
67 0504 1 REQUIRE 'EDTSRC:EDTREQ';
68 0639 1
69 L 0640 1 %IF %BLISS (BLISS32)
70 0641 1 %THEN
71 0642 1
72 0643 1 REQUIRE 'EDTSRC:SYSSYM';
73 0673 1
74 0674 1 %FI
75 0675 1
76 0676 1
77 0677 1 MACROS:
78 0678 1
79 0679 1 NONE
80 0680 1
81 0681 1 EQUATED SYMBOLS:
82 0682 1
83 0683 1
84 0684 1 EXTERNAL LITERAL
85 0685 1 EDT$K_PUT,
86 0686 1 EDT$K_GET;
87 0687 1
88 0688 1
89 0689 1 OWN STORAGE:
90 0690 1
91 0691 1 NONE
92 0692 1
93 0693 1 EXTERNAL REFERENCES:
94 0694 1
95 0695 1 In the routine
```

```

97 0696 1 XSBTTL 'EDT$$WF_MAKECUR - make a bucket current'
98 0697 1
99 0698 1 GLOBAL ROUTINE EDT$$WF_MAKECUR (           ! Make a specified bucket the current bucket
100 0699 1     BUKT_NUM                               ! Number of the bucket to make current
101 0700 1     ) : NOVALUE =
102 0701 1
103 0702 1
104 0703 1 ++
105 0704 1 FUNCTIONAL DESCRIPTION:
106 0705 1     This routine insures that the bucket number passed as a parameter is the
107 0706 1     current bucket.  If it is not already the current bucket then return the
108 0707 1     current bucket to the cache (marking it as modified if necessary) and
109 0708 1     make the new bucket current by bringing it into the cache if necessary.
110 0709 1
111 0710 1 FORMAL PARAMETERS:
112 0711 1
113 0712 1     BUKT_NUM             the number of the bucket to read.
114 0713 1
115 0714 1 IMPLICIT INPUTS:
116 0715 1
117 0716 1     EDT$$Z_WF_DESC
118 0717 1     EDT$$A_WK_BUK
119 0718 1     EDT$$G_WK_CURBUK
120 0719 1     EDT$$G_WK_MODFD
121 0720 1
122 0721 1 IMPLICIT OUTPUTS:
123 0722 1
124 0723 1     EDT$$Z_WF_DESC
125 0724 1     EDT$$A_WK_BUK
126 0725 1     EDT$$G_WK_CURBUK
127 0726 1     EDT$$G_WK_MODFD
128 0727 1
129 0728 1 ROUTINE VALUE:
130 0729 1
131 0730 1     NONE
132 0731 1
133 0732 1 SIDE EFFECTS:
134 0733 1
135 0734 1     May write and read the work file, especially if the cache is small.
136 0735 1
137 0736 1 --
138 0737 1
139 0738 2 BEGIN
140 0739 2
141 0740 2 EXTERNAL ROUTINE
142 0741 2     EDT$$CALLWIO;
143 0742 2
144 0743 2 EXTERNAL
145 0744 2     EDT$$Z_WF_DESC : BLOCK [, BYTE],           ! descriptor for workfile record
146 0745 2     EDT$$A_WK_BUK :                          ! Pointer to current bucket
147 0746 2     REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
148 0747 2     EDT$$G_WK_CURBUK,                          ! Number of the current bucket
149 0748 2     EDT$$G_WK_MODFD;                          ! Flag indicating bucket was modified
150 0749 2
151 0750 2 ++
152 0751 2     Do not read if we are reading the current bucket
153 0752 2 --
```

```

154 0753
155 0754 IF (.EDT$$G_WK_CURBUK NEQ .BUKT_NUM)
156 0755 THEN
157 0756 BEGIN
158 0757
159 0758 + Mark the current bucket as modified, if it has been.
160 0759 -
161 0760
162 0761 IF .EDT$$G_WK_MODFD THEN EDT$$CALLWIO (EDTSK_PUT, .EDT$$G_WK_CURBUK, EDT$$Z_WF_DESC);
163 0762
164 0763 +
165 0764 - Read the new bucket, possibly from the cache.
166 0765
167 0766 EDT$$G_WK_CURBUK = .BUKT_NUM;
168 0767 EDT$$CALLWIO (EDTSK_GET, .EDT$$G_WK_CURBUK, EDT$$Z_WF_DESC);
169 0768 EDT$$A_WK_BUK = .EDT$$Z_WF_DESC [DSC$A_POINTER]; ! get address of record
170 0769
171 0770 + The new bucket has not yet been modified.
172 0771 -
173 0772 EDT$$G_WK_MODFD = 0;
174 0773 END;
175 0774
176 0775 END; ! of routine EDT$$WF_MAKECUR

```

```
! of routine EDT$SWF_MAKECUR
```

.TITLE EDT\$WFRBUKT EDT\$WFRBUKT - make a bucket current
.IDENT \V04-000\

```
.EXTRN  EDTSK_PUT, EDTSK_GET
.EXTRN  EDT$CALLWIO, EDT$Z_WF_DESC
.EXTRN  EDT$A_WK_BUK, EDT$G_WR_CURBUK
.EXTRN  EDT$G_WK_MODFD
```

.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

```
.ENTRY EDT$SWF_MAKECUR, Save R2,R3,R4,R5
```

Address	Hex	Op	Op2	Op3	Op4	Op5	Op6	Op7	Op8	Op9	Op10	Op11	Op12	Op13	Op14	Op15	Op16	Op17	Op18	Op19	Op20	Op21	Op22	Op23	Op24	Op25	Op26	Op27	Op28	Op29	Op30	Op31	Op32	Op33	Op34	Op35	Op36	Op37	Op38	Op39	Op40	Op41	Op42	Op43	Op44	Op45	Op46	Op47	Op48	Op49	Op50	Op51	Op52	Op53	Op54	Op55	Op56	Op57	Op58	Op59	Op60	Op61	Op62	Op63	Op64	Op65	Op66	Op67	Op68	Op69	Op70	Op71	Op72	Op73	Op74	Op75	Op76	Op77	Op78	Op79	Op80	Op81	Op82	Op83	Op84	Op85	Op86	Op87	Op88	Op89	Op90	Op91	Op92	Op93	Op94	Op95	Op96	Op97	Op98	Op99	Op100	Op101	Op102	Op103	Op104	Op105	Op106	Op107	Op108	Op109	Op110	Op111	Op112	Op113	Op114	Op115	Op116	Op117	Op118	Op119	Op120	Op121	Op122	Op123	Op124	Op125	Op126	Op127	Op128	Op129	Op130	Op131	Op132	Op133	Op134	Op135	Op136	Op137	Op138	Op139	Op140	Op141	Op142	Op143	Op144	Op145	Op146	Op147	Op148	Op149	Op150	Op151	Op152	Op153	Op154	Op155	Op156	Op157	Op158	Op159	Op160	Op161	Op162	Op163	Op164	Op165	Op166	Op167	Op168	Op169	Op170	Op171	Op172	Op173	Op174	Op175	Op176	Op177	Op178	Op179	Op180	Op181	Op182	Op183	Op184	Op185	Op186	Op187	Op188	Op189	Op190	Op191	Op192	Op193	Op194	Op195	Op196	Op197	Op198	Op199	Op200	Op201	Op202	Op203	Op204	Op205	Op206	Op207	Op208	Op209	Op210	Op211	Op212	Op213	Op214	Op215	Op216	Op217	Op218	Op219	Op220	Op221	Op222	Op223	Op224	Op225	Op226	Op227	Op228	Op229	Op230	Op231	Op232	Op233	Op234	Op235	Op236	Op237	Op238	Op239	Op240	Op241	Op242	Op243	Op244	Op245	Op246	Op247	Op248	Op249	Op250	Op251	Op252	Op253	Op254	Op255	Op256	Op257	Op258	Op259	Op260	Op261	Op262	Op263	Op264	Op265	Op266	Op267	Op268	Op269	Op270	Op271	Op272	Op273	Op274	Op275	Op276	Op277	Op278	Op279	Op280	Op281	Op282	Op283	Op284	Op285	Op286	Op287	Op288	Op289	Op290	Op291	Op292	Op293	Op294	Op295	Op296	Op297	Op298	Op299	Op300	Op301	Op302	Op303	Op304	Op305	Op306	Op307	Op308	Op309	Op310	Op311	Op312	Op313	Op314	Op315	Op316	Op317	Op318	Op319	Op320	Op321	Op322	Op323	Op324	Op325	Op326	Op327	Op328	Op329	Op330	Op331	Op332	Op333	Op334	Op335	Op336	Op337	Op338	Op339	Op340	Op341	Op342	Op343	Op344	Op345	Op346	Op347	Op348	Op349	Op350	Op351	Op352	Op353	Op354	Op355	Op356	Op357	Op358	Op359	Op360	Op361	Op362	Op363	Op364	Op365	Op366	Op367	Op368	Op369	Op370	Op371	Op372	Op373	Op374	Op375	Op376	Op377	Op378	Op379	Op380	Op381	Op382	Op383	Op384	Op385	Op386	Op387	Op388	Op389	Op390	Op391	Op392	Op393	Op394	Op395	Op396	Op397	Op398	Op399	Op400	Op401	Op402	Op403	Op404	Op405	Op406	Op407	Op408	Op409	Op410	Op411	Op412	Op413	Op414	Op415	Op416	Op417	Op418
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; Routine Size: 81 bytes, Routine Base: _EDT\$CODE + 0000

EDTSWFRBUKT
V04-000

EDTSWFRBUKT - make a bucket current
EDTSWF_MAKECUR - make a bucket current

B 11
16-Sep-1984 02:09:32
14-Sep-1984 12:25:38

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFRBUKT.BLI;1 Page 5 (3)

: 177
: 178

0776 1
0777 1 !<BLF/PAGE>

EDT
V04

000

: R

EDTSWFRBUKT
V04-000

EDTSWFRBUKT - make a bucket current
EDTSSWF_MAKECUR - make a bucket current

C 11
16-Sep-1984 02:09:32
14-Sep-1984 12:25:38

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFRBUKT.BLI;1 Page 6 (4)

: 180
: 181
: 182
0778 1 END
0779 1
0780 0 ELUDOM

! of module EDTSWFRBUKT

PSECT SUMMARY

Name	Bytes	Attributes
_EDTSCODE	81	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	6	1	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	1	0	581	00:04.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:WFRBUKT/OBJ=OBJ\$:WFRBUKT MSRC\$:WFRBUKT.BLI/UPDATE=(ENH\$:WFRBUKT)

: Size: 81 code + 0 data bytes
: Run Time: 00:15.7
: Elapsed Time: 00:22.7
: Lines/CPU Min: 2984
: Lexemes/CPU-Min: 7695
: Memory Used: 76 pages
: Compilation Complete

0141 AH-BT13A-SE
VAX/VMS V4.0

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